

What is claimed is;

1. An image-capturing device comprising:

an image-capturing element that converts light to an electrical signal;

5 a photographic lens member that condenses subject light at the image-capturing element;

a board on which the image-capturing element is mounted; and

an elastic member having one end thereof secured to the photographic lens member and another end thereof secured to the board.

2. An image-capturing device according to claim 1, further comprising:

15 a drive device that moves the board and the photographic lens member relatively to each other along a direction substantially perpendicular to an optical axis of the photographic lens member.

20 3. An image-capturing device according to claim 2, wherein:

the drive device moves the board and the photographic lens member relatively to each other along a direction substantially perpendicular to the optical axis of the photographic lens member by imparting an electromagnetic

force.

4. An image-capturing device according to claim 3,
wherein:

5 the board is an electric circuit board; and
the elastic member achieves electrical conductivity
and at least part of the drive device and the electric circuit
board are electrically connected via the elastic member.

10 5. An image-capturing device according to claim 4,
wherein:

the drive device comprises an electromagnet that moves
as part of the photographic lens member and a permanent magnet
secured to the board.

15

6. An image-capturing device according to claim 4,
wherein:

the drive device comprises an electromagnet that moves
as part of the photographic lens member and an electromagnet
20 secured to the board.

7. An image-capturing device according to claim 3,
wherein:

the drive device comprises a permanent magnet that moves
25 as part of the photographic lens member and an electromagnet

secured to the board.

8. An image-capturing device according to claim 3, further comprising:

5 a vibration detection sensor secured to the board, which outputs an electrical signal corresponding to an extent of vibration of the image-capturing device; and

a vibration-proofing control unit that implements drive control on the drive device in conformance to an output
10 from the vibration detection sensor.

9. An image-capturing device according to claim 8, further comprising:

a position detection sensor secured to a board, which
15 outputs an electrical signal corresponding to a position representing relative movement of the board and the photographic lens member, wherein:

the vibration-proofing control unit implements drive control on the drive device in conformance to outputs from
20 the vibration detection sensor and the position detection sensor.

10. An image-capturing device according to claim 1, wherein:

25 the elastic member is formed in a narrow, elongated rod

shape and achieves elasticity along a direction perpendicular to a longitudinal direction thereof.

11. An image-capturing device according to claim 10,
5 wherein:

the elastic member is a metal wire.

12. An image-capturing device according to claim 1,
wherein:

10 the photographic lens member includes a photographic lens portion and a holding portion for holding the photographic lens.

13. An image-capturing device according to claim 12,
15 wherein:

the photographic lens and the holding portion are formed as an integrated unit through resin molding.

14. An image-capturing device according to claim 1,
20 wherein:

the photographic lens member and the elastic member are formed as an integrated unit through resin molding.

15. An image-capturing device according to claim 2,
25 wherein:

the photographic lens member is fixed relatively to a main body of the image-capturing device.

16. An image-capturing device according to claim 2,
5 wherein:

the board is fixed relatively to a main body of the image-capturing device.

17. An image-capturing device according to claim 1,
10 wherein:

the elastic member regulates the distance between the image-capturing element and the photographic lens member.

18. An image-capturing device comprising:
15 an image-capturing element that converts light to an electrical signal;

a photographic lens member that includes a photographic lens portion and a holding portion for holding the photographic lens and condenses subject light at the
20 image-capturing element;

a board on which the image-capturing element is mounted;

an elastic member having one end thereof secured to the photographic lens member and another end thereof secured to the board;

25 a drive device that moves the board and the photographic

lens member relatively to each other along a direction substantially perpendicular to an optical axis of the photographic lens member;

a vibration detection sensor secured to the board, which
5 outputs an electrical signal corresponding to an extent of vibration of the image-capturing device;

a position detection sensor secured to a board, which outputs an electrical signal corresponding to a position representing relative movement of the board and the
10 photographic lens member; and

a vibration-proofing control unit that implements drive control on the drive device in conformance to outputs from the vibration detection sensor and the position detection sensor.